

## Product datasheet for **AP33045PU-N**

### Ibuprofen Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	AP, ELISA
Recommended Dilution:	<b>ELISA:</b> Dilution of 1/300 from the delivered solution (The titer is defined as the dilution that gives 50% of the absorbance from the maximum absorbance when tested with ELISA). <i>Suggested concentration:</i> 1/300 from the delivered solution. Plates are coated with 400 ng/ml OVA-derivative. HRP-conjugated anti-Rabbit IgG as a tracer 1/8,000. <b>Immunoaffinity Chromatography.</b>
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	BSA-Ibuprofen derivative conjugate



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<b>Specificity:</b>	Target: Ibuprofen, CAS no.: 15687-27-1, Solubility: Organic solvents, PEGs. This antibody is highly specific for Ibuprofen. <b>Cross Reactivity</b> Ibuprofen: 100%. Bezafibrate: 0.4%. Gemfibrozil: 0.2%. Bisphenol A: 0.6%. Carazolol: > 0.1%. Metoprolol: 0.1%. Chlorpyrifos: 0.3%. Naproxen: 2.2%. Clofibrinic acid: 0.3%. Nonylphenol: 1.3%. Diclofenac: > 0.1%. Octylphenol: 0.6%. Erythromycine: 0.1%. Propanolol: 0.1%. Fenitrothion: 0.5%. Vinclozolin: > 0.1%. Fenofibrate: 0.5%. Zearalenon: 0.2%.
<b>Formulation:</b>	State: Purified State: Liquid purified IgG fraction
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Caprylic Acid Extraction
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Background:</b>	Ibuprofen is an anti-inflammatory drug used for pain relief, fever reduction and against swelling. It is one of the most sold over-the-counter drugs. It is found in the environment, especially in the water environment in the neighbourhood of large cities and hospitals.